

## RRSPO Annual Report - FY03

Runway Incursions -FY-03			Runway Incursions -FY-02		
LOB	Type	Total	LOB	Type	Total
AT	Operational Errors	21	AT	Operational Errors	14
FS	Pilot Deviations	29	FS	Pilot Deviations	38
ARP	Veh/Ped Deviations	13	ARP	Veh/Ped Deviations	12
<b>Total</b>		<b>63</b>	<b>Total</b>		<b>64</b>

### ASO FY03 and FY02 Comparison of Runway Incursion (RI) Totals

50% INCREASE in Operational Errors

24% DECREASE in Pilot Deviations\*\*

8% INCREASE in Vehicle Pedestrian Deviations

2% DECREASE IN TOTAL NUMBER OF RIs

\*\* Team's objective –Not only to reduce total number of RIs, but lower the number of PDs, which lead the RI categories nationally.

### ASO FY03 and FY02 Comparison of RI Categories

#### RI Category/Type - FY03

CAT	OE	PD	VPD	TTL
A	1	1	1	3
B	3	3	1	7
C	7	12	1	20
D	10	13	10	33
<b>TTL</b>	<b>21</b>	<b>29</b>	<b>13</b>	<b>63</b>

#### RI Category/Type - FY02

CAT	OE	PD	VPD	TTL
A		2		2
B	1	7		8
C	6	8		14
D	7	21	12	40
<b>TTL</b>	<b>14</b>	<b>38</b>	<b>12</b>	<b>64</b>

### FY03 and FY02 Comparison of the 5 Larger Regions' RI Rates As of 8/31/03

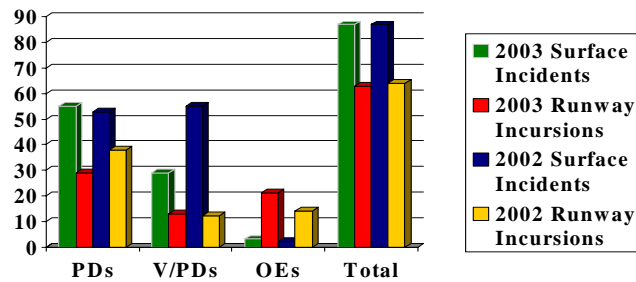
#### RI Rates(per 100K) - FY03

Region	OE	PD	VPD
AEA	0.27	0.22	0.10
AGL	0.22	0.29	0.14
ASO	<b>0.18</b>	<b>0.26</b>	<b>0.12</b>
ASW	0.13	0.24	0.11
AWP	0.12	0.48	0.08

#### Rates(per 100K) - FY02

CAT	OE	PD	VPD
AEA	0.13	0.22	0.06
AGL	0.18	0.25	0.16
ASO	<b>0.10</b>	<b>0.28</b>	<b>0.09</b>
ASW	0.05	0.15	0.05
AWP	0.08	0.44	0.18

## Surface Incidents/Runway Incursions 2003 Vs 2002



Surface Incidents	55	29	3	87
Runway Incursions	29	13	21	63
Surface Incidents	53	55	2	87
Runway Incursions	38	12	14	64

## FY03 and FY02 Comparison of Regions' Runway Incursions

### FY03 Vs FY02

REGION	FY 2003				REGION	FY 2002			
	OE/D	PD	VPD	TOTAL		OE/D	PD	VPD	TOTAL
AAL	1	7	4	12	AAL	6	3	4	13
ACE	2	10	5	17	ACE	4	13	4	21
AEA	19	15	7	41	AEA	11	18	5	34
AGL	17	23	11	51	AGL	18	25	16	59
ANE	2	3		5	ANE	1	1	1	3
ANM	5	15	4	24	ANM	6	19	3	28
<b>ASO</b>	<b>21</b>	<b>29</b>	<b>13</b>	<b>63</b>	ASO	14	38	12	64
ASW	9	16	7	32	ASW	4	12	4	20
AWP	14	55	9	78	AWP	11	60	24	95
<b>TOTAL</b>	<b>90</b>	<b>173</b>	<b>60</b>	<b>323</b>	<b>TOTAL</b>	<b>75</b>	<b>189</b>	<b>73</b>	<b>337</b>

## FY03 Comparison of Regions' Runway Incursion Categories Thru 9/30/03

REG	A	B	C	D	TOTAL
AAL			2	10	12
ACE		3	4	10	17
AEA	4	4	14	19	41
AGL	1	1	24	25	51
ANE		1	2	2	5
ANM		1	11	12	24
<b>ASO</b>	<b>3</b>	<b>7</b>	<b>20</b>	<b>33</b>	<b>63</b>
ASW	1	2	13	16	32
AWP	1	3	20	54	78
<b>TOTAL</b>	<b>10</b>	<b>22</b>	<b>110</b>	<b>181</b>	<b>323</b>

## **Initiatives and Accomplishments**

### **Special Emphasis – Regional Focus Airports**

**Ft. Lauderdale Executive Airport – 39% reduction in runway incursions after implementation of Special Emphasis Program (SEP), May 2002.**

**McGhee-Tyson Airport – To date, only 4 surface incidents have occurred since implementation of SEP in May 2003.**

- **Heighten awareness, education and training**
- **Aggressive monitoring of airfield activities**
- **Conduct airfield familiarization and tours**
- **Two-way communications and partnership**
- **Frequent safety seminars**

### **FAR Part 121 Operators (Maintenance)**

**Establish and implement a runway safety training module into company's training program**

- **40 Certificates \*\***
- **34 Contacts made**
- **30 briefed to date – remaining 4 to be completed by end of CY.**  
**\*\* Note: 6 companies holding certificates have either relinquished, out of business, or do not have adequate staff to warrant a traditional briefing.**

#### **Runway Safety Training Awareness**

- ❖ **Utilization of Taxi 101 CD**
- ❖ **Individual company's own training program amended to include runway safety module**
- ❖ **Use OPS personnel for taxiing aircraft instead of maintenance personnel**
- ❖ **Participate in airport familiarization tours**

### **Terminal Facilities Recurrent/Refresher Unit**

**Due to the high number and frequency of operational errors that resulted in surface incidents in region, developed a refresher course for managers to brief ATCSs.**

- **Distributed in March 2003**
- **51 FAA Facilities**
- **90% completed – Remainder will be done by end of CY.**

### **Other Initiatives – Ongoing**

- RSATs, Safety Assessments, and Safety Seminars
- Conferences and Workshops
- Pilot Briefings at 141 Schools
- Flight Instructors Refresher Training (FIRC)
- Check Airmen/Designated Pilot Examiners training
- AFSS familiarization training
- High Alert Areas (HAA) publications in JEPPS
- Safety Bulletin publications
- Partnership/Outreach program with State Aviation Organizations
- Aviation Career Education (ACE) workshop
- FAR 135 Awareness Briefing

### **Resource Material Developed**

- **Safety Awareness Posters**
  - ❖ Aviation Maintenance Technicians
  - ❖ Student Pilots
  - ❖ Vehicle Operators
- **Awards Program**
  - ❖ Appreciative Partnership Award
  - ❖ Runway Safety Recognition Award Program
- **Brochures, CDs and Quiz**
  - ❖ Runway Safety Resource Trifold Brochure
  - ❖ FXE ATC Phraseology Trifold Brochure
  - ❖ High Alert Area Trifold (Specific Airports)
  - ❖ Construction Brochure
  - ❖ Check Airmen/Pilot Examiner Standardization Program
  - ❖ Regional Safety Bulletin Updates
  - ❖ Runway Safety Information business cards
  - ❖ IATA/RRSPO runway safety training CD
  - ❖ FAR Part 135 Operators Awareness Program CD
  - ❖ Signage & Marking Quiz (spanish version available)